

INFORMATION DISCLOSURE  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number

HYZ-479CP

Application Number

09/965,116

DEC 17 2001

PATENT &amp; TRADEMARK OFFICE

Applicant  
Kandimalla

Filing Date

September 26, 2001

Group Art Unit

1635-1632

Sheet

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## U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JR	5,149,798	09/22/92	Agrawal et al.	536	27	

## Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

C1. ✓ Khorana et al. (1972) "Studies on Polynucleotides," *J. Molec. Biol.* 72:209

C2. ✓ Reese (1978) "The Chemical Synthesis of Oligo- and Poly-Nucleotides By The Phosphorotriester Approach," *Tetrahedron* 34:3143-3179

C3. ✓ Beaucage et al. (1981) "Deoxynucleoside Phosphoramidites - A New Class of Key Intermediates for Deoxynucleotide Synthesis," *Tetrahedron Lett.* 22:1859-1862

C4. ✓ Connolly et al. (1984) "Synthesis and Characterization of an Octanucleotide Containing the EcoRI Recognition Sequence With A Phosphorothioate Group At The Cleavage Site," *Biochemistry* 23:3443

C5. ✓ Agrawal et al. (1987) "Oligodeoxynucleotise Methylphosphonates: Synthesis and Enzymic Degradation," *Tetrahedron Lett.* 28(31):3539-3542

C6. ✓ Jager et al. (1988) Oligonucleotide N-Alkylphosphoroamidates: Synthesis and Binding to Polynucleotides," *Biochemistry* 27:7237

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C8. ✓ Zon et al. (1991) "Phosphorothioate Oligonucleotides" *Oligonucleotides and Analogues: A Practical Approach* pp. 87-108

C9. ✓ Kuramoto et al. (1992) "Oligonucleotide Sequences Required For Natural Killer Cell Activation," *Jpn. J. Cancer Res.* 83:1128-1131

C10. ✓ Crooke (1993) "An Overview of Progress in Antisense Therapeutics," *8 Antisense & Nucl. Acid Drug Dev.* 115-122 CRC Press, Boca Raton, Florida

C11. ✓ Zon (1993) "Protocols for Oligonucleotides and Analogs," *Methods in Molecular Biology* Vol. 20, pp. 165-189

C12. ✓ Pisetsky et al. (1994) "Stimulation of Murine Lymphocyte Proliferation By A Phosphorothioate Oligonucleotide With Antisense Activity For Herpes Simplex Virus," *54 Life Sci.* 101

C13. ✓ Yamamoto et al. (1994) "Lipofection of Synthetic Oligodeoxyribonucleotide Having a Palindromic Sequence of AACGTT to Murine Spenocytes Enhances Interferon Production and Natural Killer Activity," *38 Microbiol. Immunol.* 831

C14. ✓ Agrawal et al. (1995) "Modified Oligonucleotides as Therapeutic and Diagnostic Agents," *Curr. Opin. Biotechnol.* 6:12-19

C15. ✓ Krieg et al. (1995) "CpG Motifs In Bacterial DNA Trigger Direct B-Cell Activation," *Nature* 371:546-549

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C17. ✓ Liang et al. (1996) "Activation of Human B Cells By Phosphorothioate Oligodeoxynucleotides," *J. Clin. Invest.* 98:1119-1129

C18. ✓ Zhao et al. (1996) "Effect of Different Chemically Modified Oligodeoxynucleotides on Immune Stimulation," *Biochem. Pharm.* 51:173-182

C19. ✓ Chu et al. (1997) "CpG Oligodeoxynucleotides Act As Adjuvants That Switch On T Helper 1 (Th1) Immunity," *186 J. Exp. Med.* 1623

EXAMINER

DATE CONSIDERED

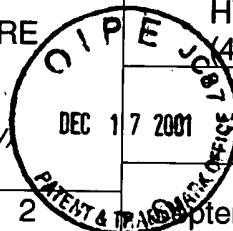
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## **INFORMATION DISCLOSURE IN AN APPLICATION**

*(Use several sheets if necessary)*

Subt. Form PTO-1449				Docket Number HYZ-479CP (47508.577)	Application Number 09/965,116
INFORMATION DISCLOSURE IN AN APPLICATION				Applicant Kandimalla	
(Use several sheets if necessary)				Filing Date September 26, 2001	Group Art Unit 1635 4032
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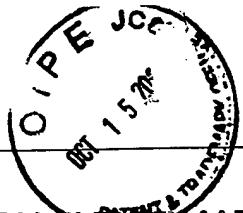


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EXAMINER	DATE CONSIDERED
<i>Jonet L. Lipp Ford</i>	9-3-03

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SHEET 1 OF 1

**Subt. Form PTC-1449**

~~SUPPLEMENTAL INFORMATION  
DISCLOSURE IN AN APPLICATION~~

**(Use several sheets if necessary)**

**Docket Number**

**Application Number**

HYB-605US2

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I.D.

**Applicant**

Kandimalla et al.

**Filing Date**

Group Art Unit

9/26/01

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## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Janet L. Gysel Ford

9-2-03